

NOTICE

All instructions, warranties and other collateral documents are subject to change at the sole discretion of Horizon Hobby, LLC. For up-to-date product literature, visit horizonhobby.com and click on the support tab for this product.

Meaning of Special Language

The following terms are used throughout the product literature to indicate various levels of potential harm when operating this product:  
**NOTICE:** Procedures, which if not properly followed, create a possibility of physical property damage AND a little or no possibility of injury.  
**CAUTION:** Procedures, which if not properly followed, create the probability of physical property damage AND a possibility of serious injury.  
**WARNING:** Procedures, which if not properly followed, create the probability of property damage, collateral damage, and serious injury OR create a high probability of superficial injury.

**WARNING:** Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, personal property and cause serious injury.

This is a sophisticated hobby product. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this Product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision. Do not use with incompatible components or alter this product in any way outside of the instructions provided by Horizon Hobby, LLC. This manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or serious injury.

Age Recommendation: Not for children under 14 years. This is not a toy.

**CAUTION:** The ESCs for the Glimpse XL are not compatible with any other product, and the Glimpse XL is not compatible with any other ESCs. Use of any other ESCs on the Glimpse XL will cause a crash, which may result in property damage and/or personal injury.

**WARNING AGAINST COUNTERFEIT PRODUCTS:** If you ever need to replace a Spektrum component found in a Horizon Hobby product, always purchase from Horizon Hobby, LLC or a Horizon Hobby authorized dealer to ensure authentic high-quality Spektrum product. Horizon Hobby, LLC disclaims all support and warranty with regards, but not limited to, compatibility and performance of counterfeit products or products claiming compatibility with DSM or Spektrum.

General Safety Precautions and Warnings

• Always keep a safe distance in all directions around your model to avoid collisions or injury. This model is controlled by a radio signal subject to interference from many sources outside your control. Interference can cause momentary loss of control.

• Always operate your model in open spaces away from full-size vehicles, traffic and people.

• Always carefully follow the directions and warnings for this and any optional support equipment (chargers, rechargeable battery packs, etc.).

• Always keep all chemicals, small parts and anything electrical out of the reach of children.

• Always avoid water exposure to all equipment not specifically designed and protected for this purpose. Moisture causes damage to electronics.

• Never place any portion of the model in your mouth as it could cause serious injury or even death.

• Never operate your model with low transmitter batteries.

• Always keep aircraft in sight and under control.

• Always move the throttle fully down at rotor strike.

• Always use fully charged batteries.

• Always keep transmitter powered on while aircraft is powered.

• Always remove batteries before disassembly.

• Always keep moving parts clean.

• Always keep parts dry.

• Always let parts cool after use before touching.

• Always remove batteries after use.

• Never operate aircraft with damaged wiring.

• Never touch moving parts.

Charging Warnings

**WARNING:** Failure to exercise caution while using this product and comply with the following warnings could result in product malfunction, electrical issues, excessive heat, FIRE, and ultimately injury and property damage.

• NEVER LEAVE THE POWER SUPPLY, CHARGER AND BATTERY UNATTENDED DURING USE.

• NEVER CHARGE BATTERIES OVERNIGHT.

• Never attempt to charge dead, damaged or wet battery packs.

• Never attempt to charge a battery pack containing different types of batteries.

• Never allow children under 14 years of age to charge battery packs.

• Never charge batteries in extremely hot or cold places or place in direct sunlight.

• Never charge a battery if the cable has been pinched or shorted.

• Never connect the charger if the power cable has been pinched or shorted.

• Never attempt to dismantle the charger or use a damaged charger.

• Never drop charger or batteries.

• Always use only rechargeable Li-Po batteries designed for use with this type of charger.

• Always inspect the battery before charging.

• Always keep the battery away from any material that could be affected by heat.

• Always monitor the charging area and have a fire extinguisher available at all times.

• Always end the charging process if the battery becomes hot to the touch or starts to change form (swell) during the charge process.

• Always connect the charge cable to the charger first, then connect the battery to avoid short circuit between the charge leads. Reverse the sequence when disconnecting.

• Always connect the positive red leads (+) and negative black leads (-) correctly.

• Always disconnect the battery after charging, and let the charger cool between charges.

• Always charge in a well-ventilated area.

• Always terminate all processes and contact Horizon Hobby if the product malfunctions.

**Front**

- GPS Antenna Mast
- Camera Lens

**Back**

- Flight Battery Door
- LED Indicator
- Power Switch
- Power Port
- Video Antenna
- USB Port

**Bottom**

- Micro SD Card
- Power Switch
- LED Indicator
- Video Antenna

**Front**

- Antenna
- Flight Mode Switch
- Throttle Cut/Bind Button
- Throttle/Yaw Control
- Pitch/Roll Control
- Power Switch

**Back**

- Battery Door

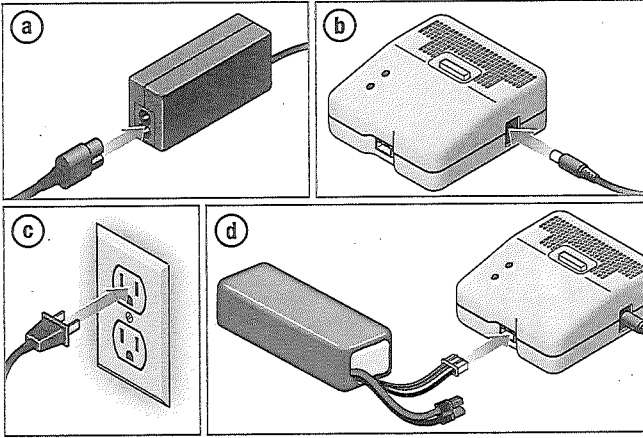
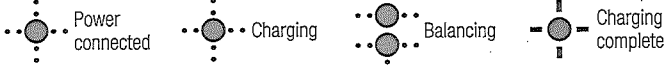
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US 7,391,320. Other patents pending.  
Created 8/15 50566 (EN)



# GLIMPSE™ XL MANUAL

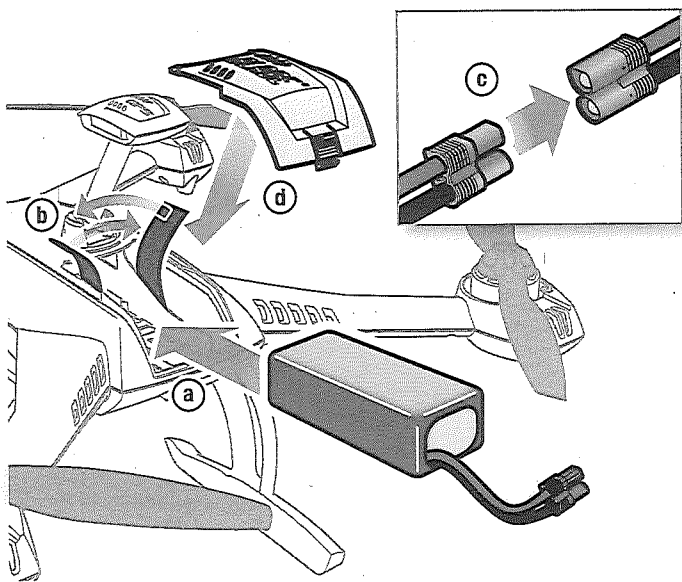
## 1 Charge the Flight Battery (~45 min)

### Charger LED codes



**CAUTION:** All instructions and warnings must be followed exactly. Mishandling of Li-Po batteries can result in a fire, personal injury and/or property damage.

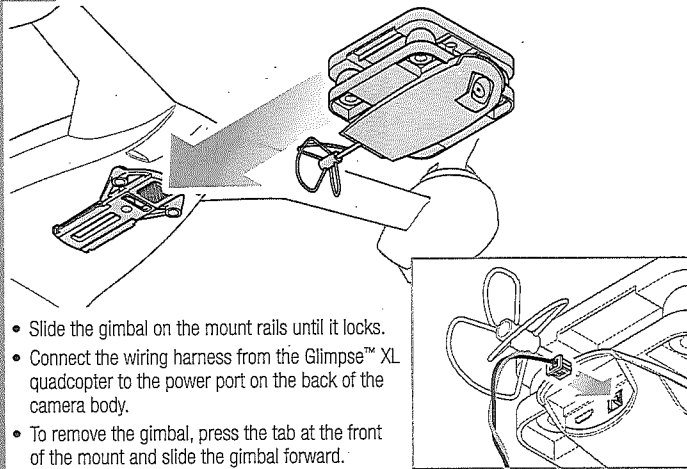
## 6 Install the Flight Battery



## 2 Download and Install the Glimpse Camera App

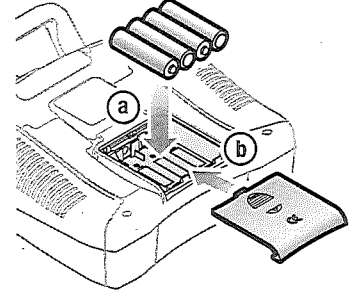
Download and install the Glimpse app to your 5.1GHz Wi-Fi capable smartphone or tablet by searching for "Glimpse" at the Apple App Store for your iOS device or at Google Play for your Android device.

## 3 Install the Camera

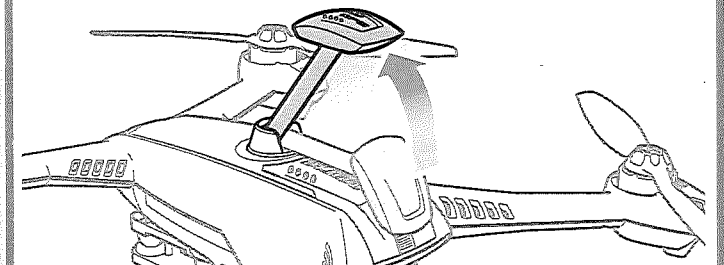


- Slide the gimbal on the mount rails until it locks.
- Connect the wiring harness from the Glimpse™ XL quadcopter to the power port on the back of the camera body.
- To remove the gimbal, press the tab at the front of the mount and slide the gimbal forward.

## 4 Install AA Batteries in the Transmitter

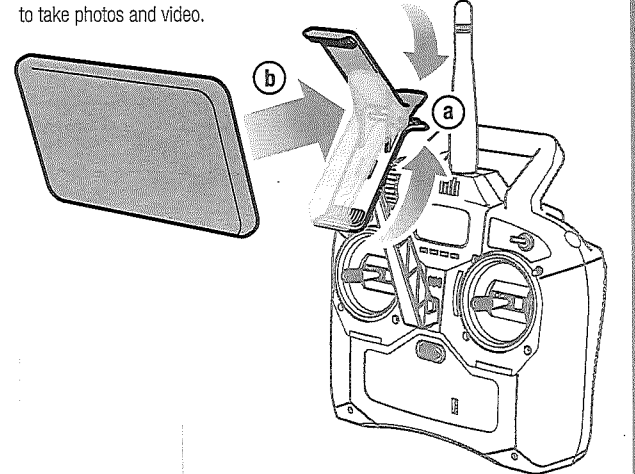


## 5 Extend the GPS Mast



## 8 Connect the Camera to Your Phone via the Glimpse App

- Power on your transmitter and the Glimpse XL.
- Open the Wi-Fi settings on your smartphone or tablet and connect to the Glimpse network (Glimpse\_#####) using the password "12345678".
- Open the Glimpse App on your smartphone or tablet.
- Place your smartphone in the transmitter holder as shown.
- Use the onscreen controls to take photos and video.

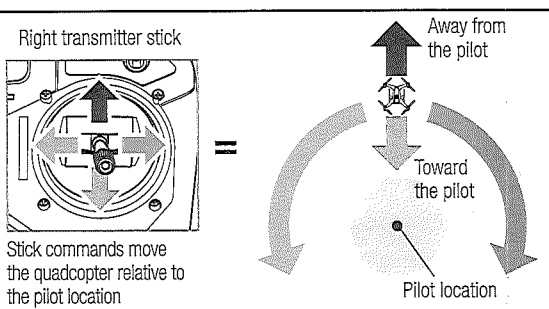
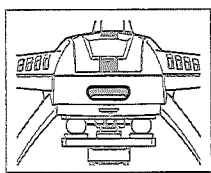


## 9 Understanding the Flight Modes

### Smart Mode

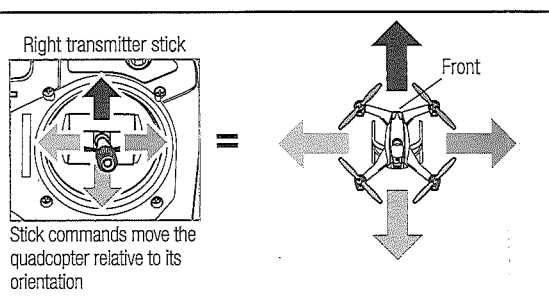
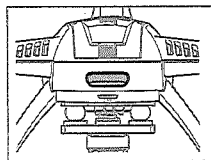
- Green LED
- Intended for the beginner pilot
- Maximum distance of 100 m from the pilot

For best results while using Smart Mode, it is recommended that the pilot always turn to face the Glimpse XL while flying.



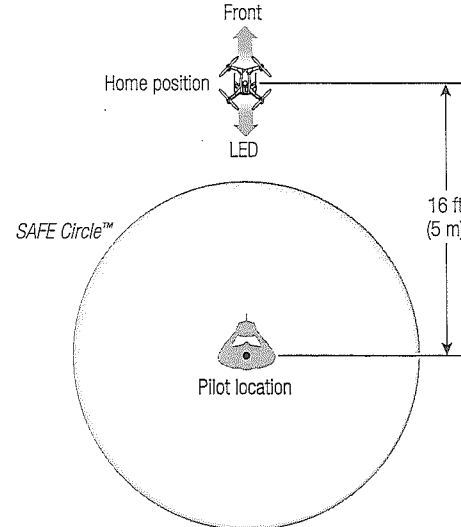
### AP Mode

- Purple LED
- Intended for the intermediate pilot
- Maximum distance of 100 m from the pilot



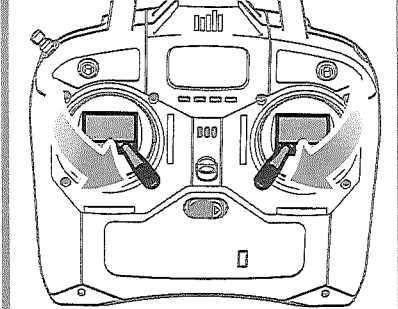
**NOTICE:** If the Glimpse™ XL quadcopter loses GPS signal while flying in either Smart or AP Mode, the LED will flash either green or purple, depending on which flight mode you are currently using, and the Glimpse XL will default to a stable flight mode with similar control response as AP Mode. Return Home will not function. Please familiarize yourself with the controls in AP Mode to ensure a safe return of the Glimpse XL in the event of GPS signal loss.

## 10 Placement at startup

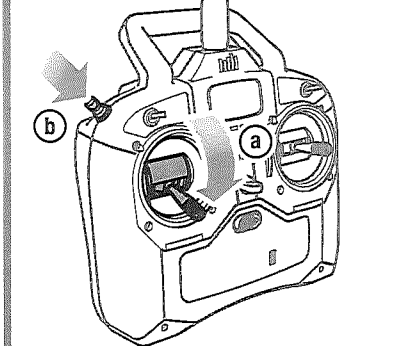


**CAUTION:** When the home location is set, the Glimpse™ XL quadcopter must be approximately 16 feet (5 meters) from where the pilot will stand during flight, pointing away from the pilot. If the aircraft is pointed in any other direction, the SAFE Circle feature will not function as expected and may result in personal injury or damage to property. Once the aircraft's motors are started, do not change your position.

## 11a Motor Start

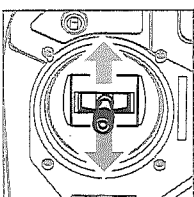


## 11b Motor Stop

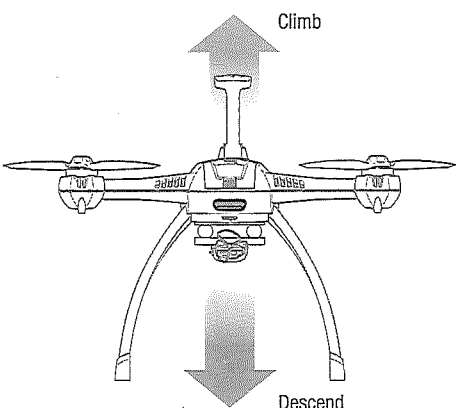


## 12 Throttle control (AP Combo)

### Left transmitter stick



- To maintain the current altitude, allow the left transmitter stick to return to center.

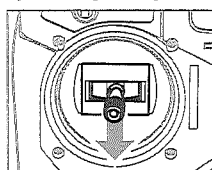


## 13 Flying and Landing

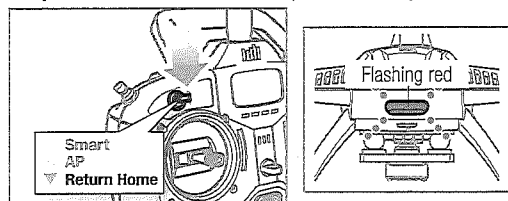
**NOTICE:** If you begin to lose control, release the control sticks and the model will self-level.

Pay close attention to the LED while flying. If at any time the LED indicates the flight battery voltage is low (below 10.6V), as shown on the LED code card attached to the transmitter, land the quadcopter immediately and charge the flight battery.

To land, you may either slowly lower the left transmitter stick to descend and land. Stop the motors as shown in step 11b:



or you may select "Return Home" on the top left switch on your transmitter:

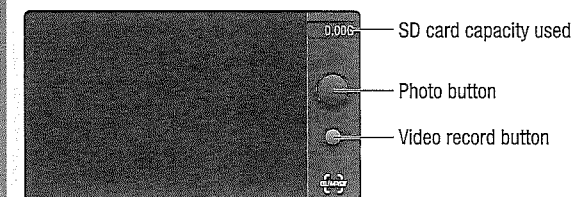


The Glimpse XL quadcopter will return to the start position, land and stop the motors. You may cancel the return to home function by switching back to Smart or AP Mode on the top left switch on your transmitter.

**NOTICE:** Return home will only function if the quadcopter has GPS lock.

## 14 Using the Camera

### Glimpse App Controls



### Retrieving Your Photos and Video

The Glimpse XL quadcopter camera comes with a micro SD card installed. To retrieve your photos and video from the micro SD card, you may do either of the following:

#### Remove the micro SD card.

- Press and release the micro SD card to remove it from the camera.
- Insert the micro SD card into the provided SD card adapter.
- Insert the SD card adapter into an SD capable device.

#### Connect a micro USB cable to the camera.

- Insert a micro USB cable (not included) into the micro USB port located on the back of the camera.

## 15 After Your Flight

